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Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/540,479
Date Submitted: September 9, 2010 <i>(use as many sheets as necessary)</i>				Filing Date	May 10, 2006
				First Named Inventor	Steffen GOLETZ, et al.
				Art Unit	1643
				Examiner Name	Anne Gussow
Sheet	1	of	3	Attorney Docket Number	00056-0001-002

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/AMG/	AA	5,739,277	04-14-1998	Presta, et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/AMG/	AB	DE 4329004	03-09-1995	Max Delbrueck Centrum	T ⁶

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ⁶
/AMG/	AC	Karsten, et al., "A New Monoclonal Antibody (A78-G/A7) to the Tomsen-Friedenreich Pan-Tumor Antigen", <i>Hybridoma</i> , Vol. 14, No. 1, 1995, pages 37-44, XP009034408.			
/AMG/	AD	Panka, et al., "Variable Region Framework Differences Result in Decreased or Increased Affinity of Variant Anti-Digoxin Antibodies", <i>Proc. Natl. Acad. Sci. USA</i> , Vol 85, 3080-3084, May 1988.			
/AMG/	AE	Bagshawe, et al., "Antibody-Directed Enzyme Prodrug Therapy (ADEPT) for Cancer", <i>Expert Opin. Biol. Ther.</i> , 2004, Vol. 4, pages 1777-1789.			
/AMG/	AF	Abstract of Linardou, et al., "Deoxyribonuclease I (DNase I). A Novel Approach for Targeted Cancer Therapy", <i>Cell Biophys</i> , 1994, Vol. 24-25, pages 243-248.			
/AMG/	AG	Hsieh, et al., "Controlling Chemical Reactivity with Antibodies", <i>Science</i> , 1993, Vol. 260, pages 337-339.			
/AMG/	AH	Matzinger, "Tolerance, Danger, and the Extended Family", <i>Annual Review in Immunology</i> , 1994, Vol. 12, pages 991-1045.			
/AMG/	AI	Schneider, et al., "Thermostability of Membrane Protein Helix-Helix Interaction Elucidated by Statistical Analysis", <i>FEBS Lett</i> , 2002, Vol. 532, pages 231-236.			
/AMG/	AJ	Morrison, et al., "Complement Activation and Fc Receptor Binding by IgG", <i>Protein Engineering of Antibody Molecules for Prophylactic and Therapeutic Applications in Man</i> , 1993, Mike Clark, Ed., pages 101-113.			

Examiner Signature	/Anne M. Gussow/	Date Considered	11/22/2010
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/AMG/	AK	Schlom, "Monoclonal Antibodies: They're More and Less Than You Think", <i>Molecular Foundations of Oncology</i> , 1991, Samuel Broder, Ed., pages 95-134.			
/AMG/	AL	Abstract of Euhus, et al., "Appraisal of Anti-Idiotypic Antibodies in the Treatment of Solid Tumors in Humans", <i>Surgery, Gynecology and Obstetrics</i> , 1992, Vol. 175(1), pages 89-96.			
/AMG/	AM	Green, et al., "Activation-Induced Cell Death in T Cells", <i>Immunological Reviews</i> , 2003, Vol. 193, pages 70-81.			
/AMG/	AN	M. Price, et al., "Summary Report on the ISOBM TD-4 Workshop: Analysis of 56 Monoclonal Antibodies Against the Muci Mucin", <i>Tumor Biology</i> , Karger, Base, CH, Vol. 19, No. Suppl. 1, 1998, pages 1-20, XP002071245.			
/AMG/	AO	U. Jeschke, et al., "Expression of the Thomsen-Friedenreich Antigen and of its Putative Carrier Protein Mucin 1 in the Human Placenta and in Trophoblast Cells in Vitro", <i>Histochemistry and Cell Biology</i> , Vol. 117, No. 3, March 2002, pages 219-226, XP002290192.			
/AMG/	AP	F. Schneider, et al., "Overexpresion of Sialyltransferase CMP-Sialic Acid: Galbeta1, 3GalNAc-R Alpha6-Sialyltransferase is Realated to Poor Patient Survival in Human Colorectal Carcinomas", <i>Cancer Research, American Association of Cancer Research</i> , Baltimore, MD, US, Vol. 61, No. 11, June 1, 2001, pages 4605-4611, XP002232470.			
/AMG/	AQ	Boel, et al., "Functional Human Monoclonal Antibodies of All Isotypes Constructed from Phage Display Library-Derived Single-Chain Fv Antibody Fragments", <i>J. Immunol. Methods</i> , Vol. 239, pages 153-166, 2000.			
/AMG/	AR	Brechbiel, et al., "Synthesis of 1(p-Isothiocyanatobenzyl) Derivatives of DTPA and EDTA Antibody Labeling and Tumor-Imaging Studies", <i>Inorg Chem</i> , Vol. 25, pages 2772-2781, 1986.			
/AMG/	AS	Chothia, et al., "The Predicted Structure of Immunoglobulin D1.3 and its Comparison with the Crystal Structure", <i>Science</i> , Vol. 233, pages 755-758, 1986.			
/AMG/	AT	Chothia, et al., "Conformations of Immunoglobulin Hypervariable Regions", <i>Nature</i> , Vol. 342, pages 877-883, 1989.			
/AMG/	AU	Chothia, et al., "Structural Repertoire of the Human V _H Segments", <i>J. Mol. Biol.</i> , Vol. 227, pages 799-817, 1992.			
/AMG/	AV	Chothia, et al., "Canonical Structures for the Hypervariable Regions of Immunoglobulins", <i>J. Mol. Biol.</i> , Vol. 196, pages 901-917, 1987.			
/AMG/	AW	Herrera, et al., "Efficiency of Erythropoietin's Signal Peptide for HIV _{mn} ⁻¹ gp ¹²⁰ Expression", <i>Biochem. Biophys. Res. Com.</i> , Vol. 273, pages 557-559, 2000.			

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/AMG/	AX	Kozak, et al., "Nature of the Bifunctional Chelating Agent Used for Radioimmunotherapy with YTTRIUM-90 Monoclonal Antibodies: Critical Factors in Determining <i>in vivo</i> Survival and Organ Toxicity", <i>Cancer Res.</i> , Vol. 49, pages 2639-2644, 1989.			
/AMG/	AY	Liao, et al., "Design of Transgenes for Efficient Expression of Active Chimeric Proteins on Mammalian Cells", <i>Biotechnol Bioeng</i> , Vol. 73, pages 313-323, 2000.			
/AMG/	AZ	Martin, et al., "Structural Families in Loops of Homologous Proteins: Automatic Classification, Modelling and Application to Antibodies", <i>J. Mol. Biol.</i> , Vol. 263, pages 800-815, 1996.			
/AMG/	BA	Nuttall, et al., "Design and Expression of Soluble CTLA-4 Variable Domain as a Scaffold for the Display of Functional Polypeptides", <i>Proteins</i> , Vol. 36, pages 217-227, 1999.			
/AMG/	BB	Nygren, et al., "Scaffolds for Engineering Novel Binding Sites in Proteins", <i>Cur. Opin. Struc. Biol.</i> , Vol. 7, pages 463-469, 1997.			
/AMG/	BC	Rooman, et al., "Amino Acid Sequence Templates Derived from Recurrent Turn Motifs in Proteins: Critical Evaluation of Their Predictive Power", <i>Protein Eng.</i> , Vol 3, pages 23-27, 1989.			
/AMG/	BD	Skerra, "Engineered Protein Scaffolds for Molecular Recognition", <i>J. Mol. Recog.</i> , Vol. 13, pages 167-187, 2000.			
/AMG/	BE	Stimmel, et al., "YTTRIUM-90 Chelation Properties of Tetraazatetraacetic Acid Macrocycles, Diethylenetriaminepentaacetic Acid Analogues, and a Novel Terpyridine Acyclic Chelator", <i>Bioconjug Chem.</i> , Vol. 6, pages 219-225, 1995.			
/AMG/	BF	Libyh, et al., "A Recombinant Human scFv Anti-RH(D) Antibody with Multiple Valences Using a C-Terminal Fragment of C4-Binding Protein", <i>Blood</i> , 90(10), pages 3978-3983, 1997.			
/AMG/	BG	Wu, et al., "Conformation of Complementarity Determining Region L1 Loop in Murine IgG Å Light Chain Extends the Repertoire of Canonical Forms", <i>J. Mol. Biol.</i> , Vol. 229, pages 597-601, 1993.			

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